

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A plastic lens produced by injection molding of resin material, comprising:

a ~~lens part;~~ part having an optical axis;

a flange part on a periphery of the lens part, the flange part having a flange surface on at least one side of the flange part and a depressed part formed on at least a part of the flange surface; and

a first marking integrally molded by injection molding to a surface of the depressed part, the first marking having a convex shape, a highest point of the marking being lower than a highest point of the flange surface.

2. (Previously Presented) The plastic lens according to Claim 1, wherein the flange part has a cutout portion in an outer side surface thereof.

3. (Currently Amended) The plastic lens according to Claim 1, wherein the surface of the depressed part is mirror-finished at least in a vicinity of an area where the first marking is formed.

4. (Currently Amended) The plastic lens according to Claim 1, wherein the first marking is for identifying a production jig used to produce the lens.

5-8. (Canceled)

9. (Currently Amended) An optical pickup device ~~having the lens according to Claim 1,~~ comprising:

the plastic lens according to Claim 1; and

a lens holder to hold the plastic lens via an adhesive.

10-21. (Canceled)

22. (Previously Presented) A plastic lens produced by injection molding of resin material comprising:

a lens part having first and second convex lens surfaces, the second convex lens surface opposing the first convex lens surface; and

a flange part formed on a periphery of the lens part, the flange part comprising:

a first portion having a surface higher than the first convex lens surface;

a second portion having a surface lower than the surface of the first portion;

a marking formed on the surface of the second portion and arranged apart from the first convex lens surface, a highest point of the marking being lower than a highest point of the surface of the first portion; and

a slope inclined toward the first convex lens surface and provided between the surface of the second portion and the first convex lens surface.

23. (Previously Presented) The plastic lens according to Claim 22, comprising the flange part further comprises a second marking formed on the surface of the second portion and arranged apart from the first convex lens surface, a highest point of the second marking being lower than the highest point of the surface of the first portion of the flange part.

24. (Previously Presented) The plastic lens according to Claim 23, wherein the first marking has a first shape and the second marking has a second shape different from the first shape.

25. (Previously Presented) The plastic lens according to Claim 22, wherein $2 < M/W < 10$ is satisfied, where M is a width of the first marking and W is a width of the surface of the second portion.

26. (Previously Presented) The plastic lens according to Claim 22, the flange part further comprising a depressed part formed on a side of the second convex lens, and the slope is arranged inward of the depressed part.

27. (Previously Presented) A plastic lens produced by injection molding of resin material, the plastic lens comprising:

a lens part;

a flange part formed on a periphery of the lens part and including a flange surface;

a first marking formed on the flange surface; and

a second marking formed on the flange surface, wherein a relative position of the first marking and the second marking is determined according to a type of production jig used to produce the plastic lens.

28. (Previously Presented) The plastic lens according to Claim 27, wherein the first marking has a convex shape, and the second marking has a convex shape.

29. (Previously Presented) The plastic lens according to Claim 28, wherein each of the first marking and the second marking is formed inside a depressed part that is formed on the flange surface.

30. (Previously Presented) The plastic lens according to Claim 29, wherein a highest point of each of the first and the second markings is lower than a highest point of the flange surface.

31. (Previously Presented) A plastic lens produced by injection molding of resin material comprising:

a lens part having first and second lens surface, the second lens surface opposing the first lens surface; and

a flange part formed on a periphery of the lens part, the flange part comprising:

a first portion having a surface higher than the first lens surface;
a second portion having a surface lower than the surface of the first

portion;

a marking having a convex shape, the marking formed on the surface of the second portion and arranged apart from the first lens surface, a highest point of the marking being lower than a highest point of the surface of the first portion; and

a slope inclined toward the first lens surface and provided between the surface of the second portion and the first lens surface.

32. (New) The plastic lens according to Claim 1 further comprising:

a second marking integrally molded by injection molding to a surface of the depressed part formed on at least a part of the flange surface, the second marking having a convex shape, a highest point of the second marking being lower than a highest point of the flange surface.

33. (New) The plastic lens according to Claim 32, wherein a shape of the first marking is substantially same with a shape of the second marking.

34. (New) The plastic lens according to Claim 32, wherein a shape of the first marking is different from a shape of the second marking.

35. (New) The plastic lens according to Claim 33, wherein the first or second marking is comprised of parallel convexities.

36. (New) The plastic lens according to Claim 32, wherein a relative position of the first marking and the second marking is determined according to a type of producing jig used to produce the plastic lens.

37. (New) The plastic lens according to Claim 1, wherein

a position of a bottom point of the depressed part along the optical axis is different from a position of a boundary between the flange surface and the lens part along the optical axis.

38. (New) The plastic lens according to Claim 37, wherein the position of the bottom point of the depressed part is higher than the position of the boundary.

39. (New) The plastic lens according to Claim 1, wherein a highest point of the flange surface is higher than a bottom of the depressed part by less than 100 μm .

40. (New) The plastic lens according to Claim 39, wherein the highest point of the flange surface is higher than the bottom of the depressed part by less than 50 μm .

41. (New) The plastic lens according to Claim 2, wherein a bottom surface formed by the cutout portion is at substantially the same height as a top surface of a holder to hold the plastic lens.

42. (New) The plastic lens according to Claim 22, wherein the surface of the second portion is mirror-finished at least in a vicinity of an area where the marking is formed.

43. (New) An optical device comprising:
a plastic lens according to Claim 22; and
a lens holder to hold the plastic lens via an adhesive.

44. (New) A plastic pick-up lens produced by injection molding of resin material comprising:
a lens part having an optical axis and having first and second lens surfaces, the second lens surface opposing the first lens surface; and

a flange part formed on a periphery of the lens part, the flange part having a flange surface at the first lens surface side, the flange surface comprising:

a first surface higher than the first lens surface;

a second surface lower than the first surface and being closer to the lens part than the first surface;

a first marking integrally molded by injection molding to the second surface, the first marking having a convex shape, a highest point of the first marking being lower than the first surface, wherein

a position of the second surface along the optical axis is different from a position of a boundary between the flange part and the lens part along the optical axis.

45. (New) The plastic pick-up lens according to Claim 44, wherein

the position of the second surface is higher than the position of the boundary.

46. (New) The plastic pick-up lens according to Claim 44, wherein

the second surface is mirror-finished at least in a vicinity of an area where the marking is formed.

47. (New) The plastic pick-up lens according to Claim 44, further comprising:

a second marking integrally molded by injection molding to the second surface, the second marking having a convex shape, a highest point of the second marking being lower than the first surface.

48. (New) The plastic pick-up lens according to Claim 47, wherein a shape of the first marking is substantially same with a shape of the second marking.

49. (New) The plastic pick-up lens according to Claim 47, wherein a shape of the first marking is different from a shape of the second marking.

50. (New) The plastic pick-up lens according to Claim 48, wherein the first or second marking is comprised of parallel convexities.

51. (New) The plastic pick-up lens according to Claim 47, wherein a relative position of the first marking and the second marking is determined according to a type of producing jig used to produce the plastic lens.

52. (New) The plastic pick-up lens according to Claim 44, wherein the first surface is higher than the second surface by less than 100 μm .

53. (New) The plastic pick-up lens according to Claim 52, wherein the first surface is higher than the second surface by less than 50 μm .

54. (New) The plastic pick-up lens according to Claim 44, wherein the flange part has a cutout portion in an outer side surface thereof and a bottom surface formed by the cutout portion is at substantially the same height as a top surface of a holder to hold the plastic lens.

55. (New) The plastic pick-up lens according to Claim 44, wherein $2 < M/W < 10$ is satisfied, where M is a width of the first marking and W is a width of the second surface.

56. (New) The plastic pick-up lens according to Claim 44, wherein a boundary between the first convex lens surface and the flange part is positioned inner than a boundary between the second convex lens surface and the flange part.

57. (New) An optical device comprising:
a plastic lens according to Claim 44; and
a lens holder to hold the plastic lens via an adhesive.

58. (New) A plastic lens produced by injection molding of resin material, comprising:
a lens part;
a flange part on a periphery of the lens part, the flange part having a flange surface on at least one side of the flange part and a depressed part formed on at least a part of the flange surface;

a first marking integrally molded by injection molding to a surface of the depressed part, the first marking having a convex shape, a highest point of the first marking being lower than a highest point of the flange surface; and

a second marking integrally molded by injection molding to a surface of the depressed part formed on at least a part of the flange surface, the second marking having a convex shape, a highest point of the second marking being lower than a highest point of the flange surface.

59. (New) The plastic lens according to Claim 58, wherein a shape of the first marking is substantially same with a shape of the second marking.

60. (New) The plastic lens according to Claim 58, wherein a shape of the first marking is different from a shape of the second marking.

61. (New) The plastic lens according to Claim 59, wherein the first or second marking is comprised of parallel convexities.

62. (New) The plastic lens according to Claim 58, wherein a relative position of the first marking and the second marking is determined according to a type of producing jig used to produce the plastic lens.

63. (New) An optical device comprising:

a plastic lens according to Claim 58; and

a lens holder to hold the plastic lens via an adhesive.

64. (New) A plastic lens produced by injecting resin material into a mold cavity that is formed by a first molding die including a nested portion and a second molding die, the plastic lens comprising;

a lens part formed by injecting resin material to a space formed by the nested portion of the first molding die and the second molding die,

a flange part formed by injecting resin material to a space formed by the first molding die and the second molding die, the flange part surrounding the lens part and having a flange surface on at least one side of the flange part and a depressed part formed on at least a part of the flange surface; and

a marking formed by a concave portion at the first molding die except the nested portion, the marking integrally molded to a surface of the depressed part in such a way that a highest point of the marking is lower than a highest point of the flange surface.